

Serial No. 10/026,778
Reply to Office Action of September 20, 2005

Docket No. HI-0058

Amendments to the Drawings:

The attached drawings provide Replacement Sheets for Figures 3-5. In particular, Replacement Sheets for Figures 1-6 are provided so that Figures 3, 5 and 6 are each on individual drawing sheets. In the Replacement Sheets, the size of letters or reference characters in Figures 3-5 have been enlarged.

Attachment: Replacement Sheets for Figures 1-6

REMARKS/ARGUMENTS

Claims 1-20 are pending in this application. By this Amendment, claims 1-3, 5, 8, 12 and 19 are amended. Reconsideration in view of the above amendments and the following remarks is respectfully requested.

Applicant sincerely acknowledges the Office Action's indication that claims 1-11 and 16-20 define patentable subject matter. However, for at least the reasons set forth below, Applicant respectfully submits all pending claims are in condition for allowance.

A. The Office Action objects to the drawings because the size of letters or reference characters in Figures 3-5 is too small. Applicant respectfully submits Replacement Sheets for Figures 3-5 are provided with the Amendment. In particular, Replacement Sheets for Figures 1-6 are provided so that Figures 3, 5 and 6 are each on individual drawing sheets. Further, Applicant notes that references of blocks 210d and 210e of Figure 4 are omitted in the Replacement Sheet for Figure 4 in order to enlarge the letters and reference characters therein. Express written approval of the Replacement Sheets is respectfully requested. Withdrawal of the objection to the drawings is respectfully requested.

B. The Office Action objects to claims 2 and 12-20 for informalities. Applicant respectfully submits the above amendments obviate the grounds for the objection. Withdrawal of the objection to claims 2 and 12-20 is respectfully requested.

C. The Office Action rejects claims 5-6 and 8-11 under 35 U.S.C. §112, first paragraph as failing to comply with the enablement requirement. Applicant respectfully submits the above amendments obviate the grounds for the rejection. Withdrawal of the rejection of claims 5-6 and 8-11 under §112, first paragraph, is respectfully requested.

D. The Office Action rejects claims 3, 8-11 and 16-18 under 35 U.S.C. §112, second paragraph. Applicant respectfully submits the above amendments obviate the grounds for the rejection. Further, with respect to claim 3, Applicant respectfully submits that "a prescribed value" can be an initialized value such as "zero". See at least paragraph 44 of the present specification. With respect to claim 8, "the register" in line 2 of step (e) has antecedent basis in step (d) of claim 8. Withdrawal of the rejection of claims 3, 8-11 and 16-18 under §112, second paragraph is respectfully requested.

E. The Office Action rejects claims 12-15 under 35 U.S.C. §102(b) over Walley (U.S. Patent No. 5,892,792). The rejection is respectfully traversed.

With respect to claim 12, Applicant respectfully submits that Walley does not disclose recited features and combinations thereof as required by §102. For example,

Applicant respectfully submits that Walley does not teach or suggest how newly saved plural energy values are output. Thus, Applicant respectfully submits that Walley does not teach or suggest at least features of means for outputting newly saved plural energy values out of the accumulated plural energy values, the newly saved plural energy values being outputted based on a high-ranked mask signal and a high-ranked enable control signal and combinations thereof as recited in claim 12.

Further, the purpose of this invention differs from the prior art. One embodiment of the invention is for detecting a plural peak energy value by the multi detector at one time and uses the plural peak energy value for forming a path between a receiver and a transmitter. Generally, each a peak energy value forming the plural peak energy is detected according to each time. In contrast, Walley relates generally to digital cordless telephones and, more particularly, to a new and improved apparatus for directly sequencing an RF carrier with a code sequence for transmission and then directly converting the RF carrier to baseband upon reception without adding low frequency or DC noise. Thus, Applicant respectfully submits Walley does not disclose or teach or suggest any modification to its disclosure that would result in at least features of means for outputting and combinations thereof as recited in claim 12.

For at least the reasons set forth above, Applicant respectfully submits claim 12 defines patentable subject matter. Claims 13-15 define patentable subject matter for at least that reason as well as their additionally recited features. Withdrawal of the rejection of claims 12-15 under §102 is respectfully requested.

CONCLUSION

In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. Favorable consideration and prompt allowance are earnestly solicited.

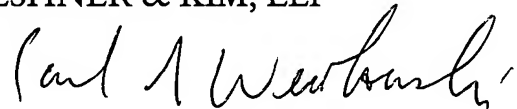
If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned attorney, **Carl R. Wesolowski**, at the telephone number listed below.

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To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,
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